

In the Claims:

Please cancel claim 5 without prejudice, amend claims 1 to 4 and add new claims 6 to 9 as follows:

1(currently amended). Optical glass having a refractive index n_d of $1.48 \leq n_d \leq 1.56$, an Abbe number v_d of $64 \leq v_d \leq 72$ and a transformation temperature $T_g \leq 500^\circ\text{C}$, which comprises the following composition (in % by weight) :

SiO_2	53 – 58
B_2O_3	11 – 15
Al_2O_3	16 – 20
Na_2O	0 – 13
K_2O	0 – 13
$\Sigma\text{M}_2\text{O}$	9 – 13
F	0.5 – 4 ₂

2(currently amended). Optical glass according to Claim 1, which comprises the following composition (in % by weight) :

SiO_2	53 – 58
B_2O_3	11 – 15
Al_2O_3	16 – 20
Na_2O	9 – 13
F	0.5 – 4 ₂

3(currently amended). Optical glass according to Claim 1 or 2, which comprises the following composition (in % by weight) :

SiO ₂	53 – 56
B ₂ O ₃	11 – 15
Al ₂ O ₃	16 – 18
Na ₂ O	11 – 13
F	0.5 – 4 ₁

4(currently amended). Optical glass according to ~~one of the preceding claims~~
Claim 1, which as refining agents contains the following components (in % by weight) :

Sb ₂ O ₃	0 – 1 and/or
SnO	0 – 1 and/or
NaCl	0 – 1 and/or
SO ₄ ²⁻	0 – 1 ₁

Claim 5 (canceled).

6(new). Optical glass having a refractive index n_d of $1.48 \leq n_d \leq 1.56$, an Abbe number v_d of $64 \leq v_d \leq 72$ and a transformation temperature $T_g \leq 500^\circ\text{C}$, which comprises the following composition (in % by weight) :

SiO ₂	53 – 58
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B_2O_3 11 – 15

Al_2O_3 16 – 20

Na_2O 0 – 13

K_2O 0 – 13

ΣM_2O 9 – 13

F 0.5 – 4

Sb_2O_3 0 – 1.

7(new). An optical element consisting of the optical glass of claim 1.

8(new). Optical glass according to claim 1, which is substantially free of lead.

9(new). Optical glass according to claim 1, which is substantially free of arsenic.